

IN THE ABSTRACT:

A new Abstract is submitted on a separate sheet.

--ABSTRACT OF THE DISCLOSURE

A packet communication apparatus and a transmit power control method may achieve battery savings without increasing extra interference in other communication stations. A transmit power information extracting section 106 extracts transmit power instruction information from a received signal and outputs the instruction information to a counter 1071 in a transmit power control section 107. According to the transmit power instruction information, transmit power control section 107 provides an instruction for increasing or decreasing transmit power to a radio transmission section 109. When section 107 receives the instruction information for increasing the power a predetermined number of times, successively, it stores the transmit power information in a memory 1073 without further increasing the transmit power of transmission units in the same packet. At the time of starting the transmission of a next packet, the stored transmit power information is collectively reflected in the applied transmission power.--